

COPY FOR CONTINUING APPLICATION

JUL 30 2001 13:14 PM TTCC PALO ALTO

FAX NO. 7818621029 NO. 5270 P. 2. 02

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PATENT APPLICATION
Docket No.: 18547-036739 (2719.2002-090)

LMT/ndd
07/30/01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Stephen P.A. Fodor, Michael L. Pirrung, Lubert Stryer and J. Leighton Read

Serial No.: 09/465,126 Group Art Unit: 1655

Filed: December 17, 1999 Examiner: Zitomer, S.

For: Very Large Scale Immobilized Polymer Synthesis

CERTIFICATE OF MAILING	
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Assistant Commissioner for Patents, Washington, D.C. 20231	
on 7/30/01	Denise Carado
Date	Signature
Denise Carado	
Typed or printed name of person signing certificate	

ASSOCIATE POWER OF ATTORNEY AND CHANGE OF CORRESPONDENCE ADDRESS

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

An Associate Power of Attorney is hereby granted to Lisa M. Treannie, Registration No. 41,368, in the above-identified application.

Please send all correspondence to Lisa M. Treannie, Esq., Hamilton, Brook, Smith & Reynolds, P.C., Two Militia Drive, Lexington, MA 02421-4799. Please direct all telephone calls to Lisa M. Treannie at (781) 861-6240.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

By

Joe Liebeschuetz
Registration No. 37,505
Telephone (650) 326-2400

Palo Alto, California 94301-1431
Date: July 30, 2001

COPY FOR CONTINUING APPLICATION

Attorney Docket No. 1000.2A1

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: ARRAYS OF MATERIALS ATTACHED TO A SUBSTRATE (as amended) the specification of which is attached hereto or X was filed on June 6, 1995 as Application No. 08/466,63 and was amended on _____ (if applicable).

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56. I claim foreign priority benefits under Title 35, United States Code Section 119 of any foreign applications(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Country	Application No.	Date of Filing	Priority Claimed Under 35 USC 119
			Yes No
			Yes No

Thereby claim the benefit under Title 35, United States Code §119(c) of any United States provisional application(s) listed below:

Application No.	Filing Date

I claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined Title 37, Code of Federal Regulations, Section 1.56 which occurred between the filing date of the prior application and the national PCT international filing date of this application:

Application No.	Date of Filing	Status
08/390,272	2/16/95	<input checked="" type="checkbox"/> Patented <input type="checkbox"/> Pending <input type="checkbox"/> Abandoned
07/624,120	12/6/90	<input type="checkbox"/> Patented <input type="checkbox"/> Pending <input checked="" type="checkbox"/> Abandoned
07/492,462	3/7/90	<input checked="" type="checkbox"/> Patented <input type="checkbox"/> Pending <input type="checkbox"/> Abandoned
07/362,901	6/7/89	<input type="checkbox"/> Patented <input type="checkbox"/> Pending <input checked="" type="checkbox"/> Abandoned
08/456,887	6/1/95	<input type="checkbox"/> Patented <input checked="" type="checkbox"/> Pending <input type="checkbox"/> Abandoned
07/954,646	9/30/92	<input checked="" type="checkbox"/> Patented <input type="checkbox"/> Pending <input type="checkbox"/> Abandoned
07/850,356	3/12/92	<input checked="" type="checkbox"/> Patented <input type="checkbox"/> Pending <input type="checkbox"/> Abandoned

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute the application and transact all business in the Patent and Trademark Office connected therewith.

Vern Norviel, Reg. No. 32,483
 Nancy J. DeSantis, Reg. No. 37,608
 Joe Liebeschuetz, Reg. No. 37,505
 William M. Smith, Reg. No. 30,223

Send Correspondence to: AFFYMETRIX, INC. 3380 Central Expressway Santa Clara, CA 95051	Direct Telephone Calls to: (Name, Reg. No., Telephone No.) Name: Nancy J. DeSantis Reg. No.: 37,608 Telephone: (408) 731-5000
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Full Name of Inventor 1	Last Name FODOR	First Name STEPHEN	Middle Name or Initial P.A.	
Residence & Citizenship	City PALO ALTO	State/Foreign Country CA	Country of Citizenship US	
Post Office Address	Post Office Address 1120 Parkison	City Palo Alto	State/Country CA	Zip Code 94301
Full Name of Inventor 2	Last Name STRYER	First Name LUBERT	Middle Name or Initial	
Residence & Citizenship	City STANFORD	State/Foreign Country CA	Country of Citizenship US	
Post Office Address	Post Office Address 843 Sonoma Terrace	City Palo Alto	State/Country CA	Zip Code 94305
Full Name of Inventor 3	Last Name READ	First Name J.	Middle Name or Initial LEIGHTON	
Residence & Citizenship	City PALO ALTO	State/Foreign Country CA	Country of Citizenship US	
Post Office Address	Post Office Address 1001 Romona	City Palo Alto	State/Country CA	Zip Code 94301
Full Name of Inventor 4	Last Name PIRRUNG	First Name MICHAEL	Middle Name or Initial C.	
Residence & Citizenship	City DURHAM	State/Foreign Country NC	Country of Citizenship US	
Post Office Address	Post Office Address 3421 Cottonwood	City Durham	State/Country NC	Zip Code 27707

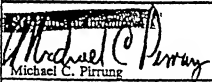
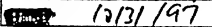
I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1 <i>S.P.A. Fodor</i> Stephen P.A. Fodor	Signature of Inventor 2 <i>Lubert Stryer</i> Lubert Stryer	Signature of Inventor 3 J. Leighton Read
Date <i>19 October 1997</i>	Date <i>October 1997</i>	Date
Signature of Inventor 4 Michael C. Pirrung		
Date	Date	Date

DP-97 8/94

10034195-122801

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1	Signature of Inventor 2	Signature of Inventor 3
Stephen P.A. Fodor	Lubert Stryer	J. Leighton Read
Date	Date	Date
 Michael C. Pirrung		
 12/31/97	Date	Date

1003105-122801

DP-WF 4/96

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1	Signature of Inventor 2	Signature of Inventor 3
Stephen P.A. Fodor	Lubert Stryer	J. Leighton Read
Date	Date	10/15/97
Signature of Inventor 4		
Michael C. Pirrung		
Date	Date	Date

DP-WP 5/96

1003195-122801

COF DECLARATION AND POWER OF ATTORNEY

709-20
ATTORNEY DOCKET NO.

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

IMPROVED POLYMER SYNTHESIS

the specification of which ☐ is attached hereto or ☒ was filed on December 6, 1990 as Application Serial No. 524,120 and was amended on _____ (if applicable).

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a). I claim foreign priority benefits under Title 35, United States Code, §112 or any foreign application(s) for patent or inventor's certificate listed below and have also identified _____ foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

COUNTRY	APPLICATION NUMBER	DATE OF FILING	PRIORITY CLAIMED UNDER 35 U.S.C. 119
			Yes <input type="checkbox"/> No <input type="checkbox"/>
			Yes <input type="checkbox"/> No <input type="checkbox"/>

I claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION SERIAL NO.	DATE OF FILING	STATUS
492,462	March 7, 1990	<input type="checkbox"/> Patented <input checked="" type="checkbox"/> Pending <input type="checkbox"/> Abandoned
362,901	June 7, 1989	<input type="checkbox"/> Patented <input checked="" type="checkbox"/> Pending <input type="checkbox"/> Abandoned

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) who are partners and associates in the firm of Townsend and Townsend to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Vern Norviel, Reg. No. 32,483
William M. Smith, Reg. No. 30,223

SEND CORRESPONDENCE TO: Vern Norviel TOWNSEND AND TOWNSEND Steuart Street Tower, One Market Plaza San Francisco, CA 94105	DIRECT TELEPHONE CALLS TO: (name, registration number, and telephone number) Vern Norviel, Reg. No. 32,483 <input type="checkbox"/> (415) 543-9600 or <input checked="" type="checkbox"/> (415) 326-2400
--	---

201	FULL NAME OF INVENTOR Last Name FODOR City Palo Alto CITIZENSHIP California	FULL NAME OF INVENTOR First Name STEPHEN State or Foreign Country California	Middle Name or Initial P.A. Country of Citizenship U.S.A.	
	POST OFFICE ADDRESS 3863 Nathan Way,	City Palo Alto,	State or Country California	Zip Code 94303
	FULL NAME OF INVENTOR Last Name STRYER City Stanford CITIZENSHIP California	FULL NAME OF INVENTOR First Name LUBERT State or Foreign Country California	Middle Name or Initial — Country of Citizenship U.S.A.	
202	POST OFFICE ADDRESS 843 Sonoma Terrace,	City Stanford,	State or Country California	Zip Code 94305
	FULL NAME OF INVENTOR Last Name WINKLER City Palo Alto CITIZENSHIP California	FULL NAME OF INVENTOR First Name JAMES State or Foreign Country California	Middle Name or Initial L. Country of Citizenship U.S.A.	
	POST OFFICE ADDRESS 2140 Ash Street,	City Palo Alto,	State or Country California	Zip Code 94306

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 201 <i>Stephen P.A. Fodor</i>	Signature of Inventor 202 <i>Lubert Stryer</i>	Signature of Inventor 203 <i>James Winkler</i>
--	---	---

DECLARATION AND POWER OF ATTORNEY

11509-28
FORNEY DOCKET NO.

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

IMPROVED POLYMER SYNTHESIS

The specification of which ☐ is attached hereto or ☒ was filed on December 6, 1990 as Application Serial No. 524,222 and was amended on _____ (if applicable).

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a). I claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

COUNTRY	APPLICATION NUMBER	DATE OF FILING	PRIORITY CLAIMED UNDER 35 U.S.C. 119
			Yes <input type="checkbox"/> No <input type="checkbox"/>
			Yes <input type="checkbox"/> No <input type="checkbox"/>

I claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION SERIAL NO.	DATE OF FILING	STATUS
492,462	March 7, 1990	<input type="checkbox"/> Patented <input checked="" type="checkbox"/> Pending <input type="checkbox"/> Abandoned
362,901	June 7, 1989	<input type="checkbox"/> Patented <input checked="" type="checkbox"/> Pending <input type="checkbox"/> Abandoned

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) who are partners and associates in the firm of Townsend and Townsend to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Vern Norviel, Reg. No. 32,483

William M. Smith, Reg. No. 30,223

SEND CORRESPONDENCE TO:	DIRECT TELEPHONE CALLS TO: (name, registration number, and telephone number)
Vern Norviel TOWNSEND AND TOWNSEND Steuart Street Tower, One Market Plaza San Francisco, CA 94105	Vern Norviel, Reg. No. 32,483 <input type="checkbox"/> (415) 543-9600 or <input checked="" type="checkbox"/> (415) 326-2400

201	FULL NAME OF INVENTOR	Last Name HOLMES	First Name CHRISTOPHER	Middle Name or Initial P.
	RESIDENCE	City Sunnyvale	State or Foreign Country California	Country of Citizenship U.S.A.
	CITIZENSHIP	Post Office Address 521 Pine Avenue,	City Sunnyvale,	State or Country California
202	POST OFFICE ADDRESS	521 Pine Avenue,	City Sunnyvale,	State or Country California
	FULL NAME OF INVENTOR	Last Name SOLAS	First Name DENNIS	Middle Name or Initial W.
	RESIDENCE & CITIZENSHIP	City San Francisco	State or Foreign Country California	Country of Citizenship U.S.A.
203	POST OFFICE ADDRESS	Post Office Address 50 Gardenside Dr., #13, San Francisco,	City California	State or Country California
	FULL NAME OF INVENTOR	Last Name SOLAS	First Name DENNIS	Middle Name or Initial W.
	RESIDENCE & CITIZENSHIP	City San Francisco	State or Foreign Country California	Country of Citizenship U.S.A.
204	POST OFFICE ADDRESS	Post Office Address 50 Gardenside Dr., #13, San Francisco,	City California	State or Country California
	FULL NAME OF INVENTOR	Last Name SOLAS	First Name DENNIS	Middle Name or Initial W.
	RESIDENCE & CITIZENSHIP	City San Francisco	State or Foreign Country California	Country of Citizenship U.S.A.
205	POST OFFICE ADDRESS	Post Office Address 50 Gardenside Dr., #13, San Francisco,	City California	State or Country California
	FULL NAME OF INVENTOR	Last Name SOLAS	First Name DENNIS	Middle Name or Initial W.
	RESIDENCE & CITIZENSHIP	City San Francisco	State or Foreign Country California	Country of Citizenship U.S.A.

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 201 <i>Christopher P. Holmes</i>	Signature of Inventor 202 <i>Dennis W. Solas</i>	Signature of Inventor 203 <i>Dennis W. Solas</i>
Date <i>1/25/91</i>	Date <i>1/24/91</i>	Date